

Converting Colors

YUV(65.6500, 17.4276,
-36.5270)

Have a look what the booklet for
YUV(65.6500, 17.4276, -36.5270)
contains.

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Color

**YUV(65.6500, 17.4276,
-36.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	185065
RGB	24, 80, 101
RGB Percent	9%, 31%, 40%
CMY	0.9059, 0.6863, 0.6039
CMYK	0.76, 0.21, 0.00, 0.60
HSL	196°, 62%, 25%
HSV	196°, 76%, 40%
XYZ	5.5943, 6.8711, 13.3433
YIQ	65.6500, -40.1170, -5.3410

Conversions

Conversions Part 2

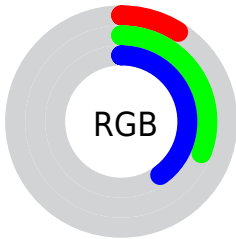
Format	Color
R_{YB}	24, 56, 101
Decimal	1593445
CIE _{Lab}	31.51, -10.30, -17.43
CIE _{LCh}	32, 20.240, 239.418
Yxy	6.8711, 0.2168, 0.2662
Android (android.graphics.Color)	4279783525 (0xFF185065)
YUV	65.6500, 17.4276, -36.5270
Hunter-Lab	26.2128, -7.7770, -11.8320

Details

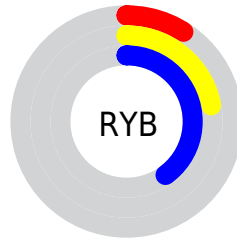
The YUV color **65.6500, 17.4276, -36.5270** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.3500, -17.4275, 36.5271**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9710, 17.2693, -32.4236**, and **26.7010, 13.4584, -23.4168** is the 20% darker color. If you saturate the color by 10%, you get **60.8990, 19.7698, -41.1304**, and if you desaturate by 10%, it is **70.4010, 15.0853, -31.9237**.

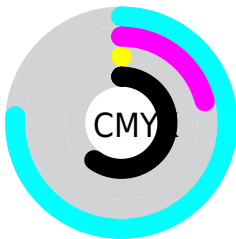
Distribution



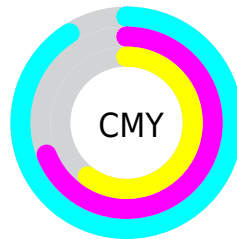
- Red (9%)
- Green (31%)
- Blue (40%)



- Red (9%)
- Yellow (22%)
- Blue (40%)



- Cyan (76%)
- Magenta (21%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.6500, 17.4276, -36.5270 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 65.6500, 17.4276, -36.5270 by changing the saturation by 10% instead.

■ 65.6500, 17.4276,
-36.5270

■ 65.6500, 17.4276,
-36.5270

■ 255.0000, 0.0000,
0.0000

■ 42.2370, 17.1382,
-37.0418

■ 116.9710, 17.2693,
-32.4236

■ 26.7010, 13.4584,
-23.4168

■ 143.0850, 17.7061,
-32.5235

■ 10.8060, 10.9416,
-9.4769

■ 170.0850, 17.7061,
-32.5235

■ 0.7980, 3.0576,
-0.6998

■ 197.9000, 18.2903,
-33.2383

■ 0.0000, 0.0000,
0.0000

■ 224.9880, 14.7959,
-32.4385

■ 243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

65.6500, 17.4276,
-36.5270

65.6500, 17.4276,
-36.5270

60.8990, 19.7698,
-41.1304

70.4010, 15.0853,
-31.9237

56.1480, 22.1120,
-45.7338

75.1520, 12.7431,
-27.3203

54.3650, 22.9911,
-47.6781

79.3160, 10.6902,
-22.2021

84.0670, 8.3480,
-17.5988

89.1170, 5.8583,
-12.3806

■ 93.8680, 3.5161,
-7.7772

■ 98.0320, 1.4632,
-2.6591

■ 102.7830, -0.8790,
1.9443

■ 107.5340, -3.2213,
6.5477

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.5690, 13.5235, -44.3490



65.6500, 17.4276, -36.5270



71.9450, 16.7891, -18.3688

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6500, 17.4276, -36.5270



76.0400, -0.5127, 24.5209



71.3620, -12.5035, -2.9485

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.6500, 17.4276, -36.5270



59.3500, -17.4275, 36.5271

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0540, -15.3096, 10.4766



65.6500, 17.4276, -36.5270



75.1020, -7.9383, 26.2205

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6500, 17.4276, -36.5270



76.6350, 7.0819, 15.2291



74.5760, -13.5950, 20.5428



69.1090, -5.4767, -16.7586

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6500, 17.4276, -36.5270



74.4520, 14.5672, -5.6584



74.5760, -13.5950, 20.5428



71.7540, -13.6827, 1.9697

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.6500, 17.4276, -36.5270



116.3340, 6.7373, -14.3249



71.5930, -13.1103, -41.7391



57.6830, 4.1003, -8.4920



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6500, 17.4276, -36.5270



75.9340, 26.6545, -56.0701



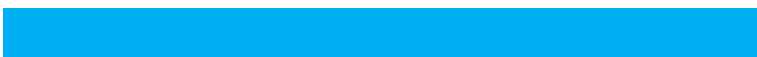
43.3440, 28.4244, -16.9647



48.9180, 1.0264, -2.5591



61.8310, 26.2123, -54.2258



130.9000, 54.7723, -114.7993

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.4070, 13.1103, 41.7391



57.0860, 20.1706, 63.9456



81.6560, -28.4244, 16.9647



47.9510, 1.0102, 2.6740



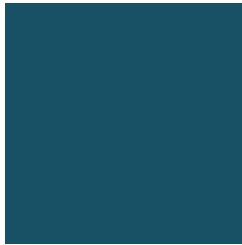
43.8470, 19.3024, 62.4012



92.4220, 41.2040, 131.1799

Previews

White Background



This preview shows how the YUV color 65.6500, 17.4276, -36.5270 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 65.6500, 17.4276, -36.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

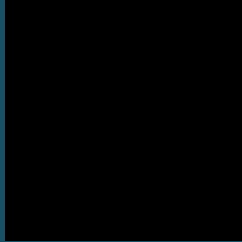
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 65.6500, 17.4276, -36.5270

Background



This preview shows how black text looks on a background with the YUV color 65.6500, 17.4276, -36.5270.



This preview shows how white text looks on a background with the YUV color 65.6500, 17.4276,

-36.5270.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.6500, 17.4276, -36.5270

Protanopia

74.1270, 10.7834, -5.3734

Deuteranopia

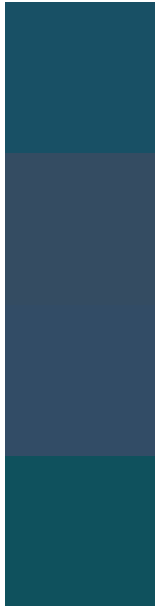
74.0280, 14.2832, -7.9176



Tritanopia

61.2700, 13.6709, -44.9638

Trichromacy



Original Color

65.6500, 17.4276, -36.5270

Protanomaly

71.3320, 13.1473, -16.9542

Deuteranomaly

71.1900, 15.1893, -18.5836

Tritanomaly

62.6340, 14.9704, -41.7750

Monochromacy



Original Color

65.6500, 17.4276, -36.5270

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9320, 6.4425, -13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.6500, 17.4276, -36.5270 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(24, 80, 101)` looks like.

```
.text, #text, p{  
    color:rgb(24, 80, 101)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(24, 80, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 80, 101) }
```

Border

The CSS property to change the border of an element to YUV 65.6500, 17.4276, -36.5270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(24, 80, 101) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(24, 80, 101) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(24, 80, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 80, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 80, 101);  
box-shadow:4px 4px 4px 4px rgb(24, 80,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 65.6500, 17.4276, -36.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 80, 101) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(24, 80,  
101) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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